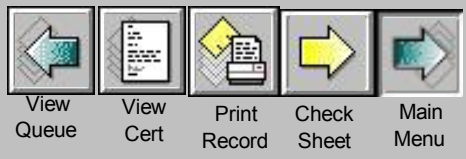


Stage 1 Review PERSON & DATE	Date Received
Email notification to MAN	Certificate Status
Reviewer	Printed to AA
Email to processor	Sent to Database
CERT #	CATALOG #



Database

Family Info



Manufacturer: _____

Manuf Type: OEM POST-MANUFACTURE

Engine Type: _____

Model Year: _____

Engine Family: _____

Certificate Requested: EPA IMO

1. EPA Fee paid?: Yes No

2. EPA Fee paid date: _____

3. Certification Class: _____

4. Process Code: _____

5. Carry over: _____

If yes, list the previous family: _____

6. Send the certificate to:

Name	_____	<input type="checkbox"/> Change of Address
Title	_____	<input type="checkbox"/> Official Cert. Rep?
Company	_____	
Address	_____	
Phone	_____	
Fax	_____	
Email	_____	

7. Manuf Family Name: _____

8. Engine Cycle: _____

9. Number of Cylinders: _____

10. Cylinder Configuration: _____

11. Emission Cont. system

1. _____

2. _____

3. _____

12. Fuel Type: _____

13. Fuel System Type: _____

14. Liters per cylinder, HP rating, and Category:

< 0.9 liters/cylinder, 37 kw or greater (Category 1)

>= 0.9 --> <1.2, all ratings (Category 1)

>= 1.2 --> <2.5, all ratings (Category 1)

>= 2.5 --> <5.0, all ratings (Category 1)

>= 5.0 --> <15.0, all ratings (Category 2)

>= 15.0 --> <20.0, rating <3300 kw (Category 2)

>= 15.0 --> <20.0, rating >= 3300 kw (Category 2)

>= 20.0 --> <25.0, all ratings (Category 2)

>= 25.0 --> <30.0, all ratings (Category 2)

>= 30.0 (Category 3)

15. Method Of Aspiration: _____

16. Usage Of Engine: _____

17. Projected Sales: _____

outside CA

inside CA

Total

18. Estimated Production Period: _____

Start _____

End _____

19. Plant contact name: _____

20. Plant Location:

Name and street address: _____

Country: _____

21. Averaging, Banking, and Trading:

Averaging Banking, and Trading? Yes No

FEL's: [FELs must be in g/kW-hr]

THC+NOx _____

PM _____

This engine family complies with the following NTE :

NTE explanation, if necessary

- 1.2 X STD
- 1.5 X STD
- 1.25 X STD
- Other
- N/A

23. Confidential Business Information (CBI):

CBI Until Introduction into Commerce <div style="border: 1px solid gray; height: 20px; width: 100%; margin-top: 5px;"></div>	CBI Indefinitely
<u>Family Information</u>	
<div style="border: 1px solid gray; background-color: #cccccc; width: 100%; height: 100%;"></div>	<div style="border: 1px solid gray; background-color: #cccccc; width: 100%; height: 100%;"></div>

24. General Comments:

Stage 1 Review PERSON & DATE	Date Received
Email notification to MAN	Certificate Status
Reviewer	Printed to AA
Email to processor	Sent to Database
CERT #	CATALOG #



View
Queue

Database

Test Info

Manufacturer:

Manuf Type: OEM POST-MANUFACTURE

Engine Type:

Model Year:

Engine Family:

Certificate Requested: EPA IMO

This record may contain CBI information

<p>1. Test Data Set:</p> <p>2. Engine Code:</p> <p>3. Engine Model:</p> <p>4. Number of Cylinders:</p> <p>5. Displacement per cylinder:</p> <p>6. Engine I.D. Number:</p> <p>7. Rated Power(kW) @ Rated RPM:</p> <p>8. Torque (NM) @ Intermediate Engine RPM:</p>	<p>9. Certification Fuel:</p> <p>10. Location of Testing:</p> <p>11. Test cycle: If Special or Alternate, give discription:</p> <p>12. Useful life period Useful life explanation, if necessary</p>
---	---

13. Official Test Results

All results must be in g/kW-hr

Date:	<input type="text"/>	<input type="text"/>	<input type="text"/>	14. Deterioration Factors, if applicable
	Test 1	Test 2	Test 3	
Total Hydrocarbon	<input type="text"/>	<input type="text"/>	<input type="text"/>	
NOx	<input type="text"/>	<input type="text"/>	<input type="text"/>	
PARTICULATE	<input type="text"/>	<input type="text"/>	<input type="text"/>	
CARBON MONOXIDE	<input type="text"/>	<input type="text"/>	<input type="text"/>	

15. Certification Levels (Deteriorated Test Results)

		STDs	FELs
	All results must be in g/kW-hr	Fill in the appropriate standard or NOx limit	
NOx only Tier 1 or IMO	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total Hydrocarbon + NOx	<input type="text"/>	<input type="text"/>	<input type="text"/>
PARTICULATE	<input type="text"/>	<input type="text"/>	<input type="text"/>
CARBON MONOXIDE	<input type="text"/>	<input type="text"/>	<input type="text"/>

16. NOx Reducing Device?: Yes No

IMO only

17. Is the Parent Engine base on highest NOx?: Yes No

IMO only

If NO, specify criteria for selection of Parent Engine:

18. CBI:

[Test](#)
[Info.](#)

CBI Until	CBI Indefinitely

10. CBI:

CBI Until Introduction into Commerce	CBI Indefinitely
<input type="text"/>	
Model Information	
<input type="text"/>	<input type="text"/>

Stage 1 Review PERSON & DATE	Date Received
Email notification to MAN	Certificate Status
Reviewer	Printed to AA
Email to processor	Sent to Database
CERT #	CATALOG #



View Queue

Database

Tech.Desc.

Manufacturer:

Manuf Type: OEM POST-MANUFACTURE

Engine Type:

Model Year:

Engine Family:

Certificate Requested: EPA IMO

This record may contain CBI information

1. Adjustable Parameters:

Parameter(s)	Adjustable Range (or NA)	Tamper Resistance Method (or NA)

2. Auxillary Emission Control Device (AECD), if applicable:

<p>AECD Name</p> <div style="border: 1px solid gray; height: 150px; width: 100%;"></div>	<p>Does the AECD reduce the effectiveness of the emission control system?</p> <table border="0"> <tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td></tr> <tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td></tr> <tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td></tr> <tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td></tr> <tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td></tr> <tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td></tr> <tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td></tr> <tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td></tr> <tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td></tr> <tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td></tr> <tr><td><input type="checkbox"/> Yes</td><td><input type="checkbox"/> No</td></tr> </table>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="checkbox"/> Yes	<input type="checkbox"/> No																						
<input type="checkbox"/> Yes	<input type="checkbox"/> No																						
<input type="checkbox"/> Yes	<input type="checkbox"/> No																						
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<input type="checkbox"/> Yes	<input type="checkbox"/> No																						
<input type="checkbox"/> Yes	<input type="checkbox"/> No																						
<input type="checkbox"/> Yes	<input type="checkbox"/> No																						
<input type="checkbox"/> Yes	<input type="checkbox"/> No																						

3. Engine Sensor Information and Software Control, if applicable:

AECD(s) Used

Sensed Parameter

Outputs controlled by that input:

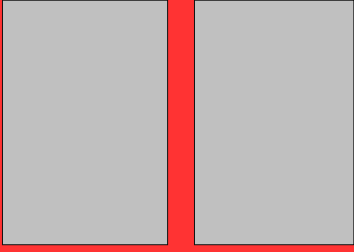
AECD(s) Used	Sensed Parameter	Outputs controlled by that input:				

4. Technical Description:

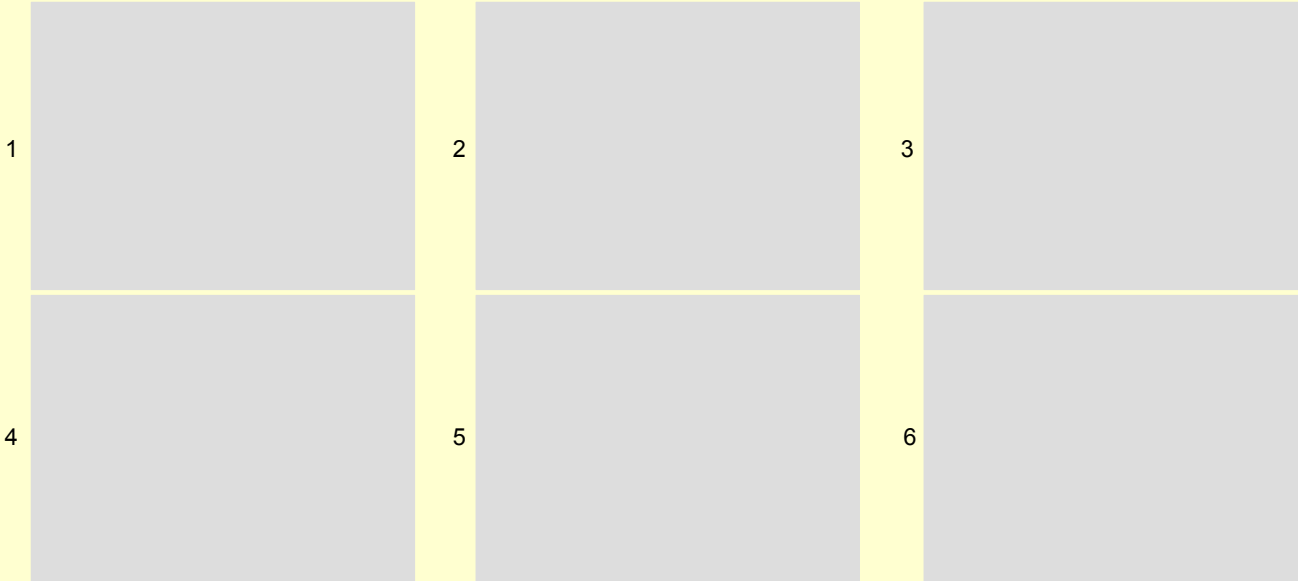
- Basic e
- Fuel sy
- Igniti
- Intake
- Emissi
- Auxilla
- exhaus

5. Confidential Business Information:

CBI Until	CBI Indefinitely
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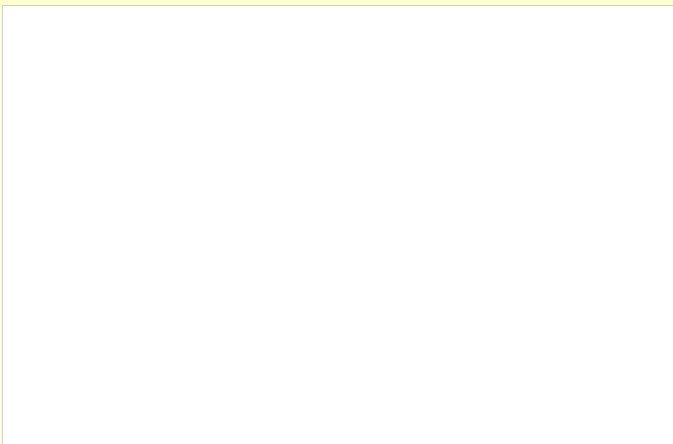


6. Injection Timing Maps - Insert copies in container field (Right-click, Insert Object, then navigate to the file)

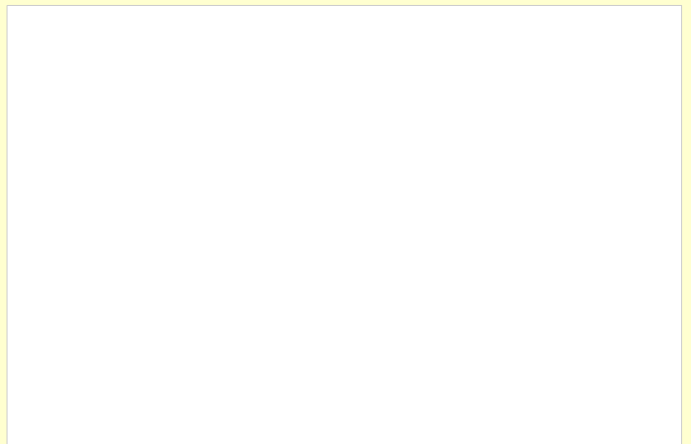


7. Diagrams/Nox technical file (IMO), pdf files, etc. - Insert copies in container field (Right-click, Insert Object, then navigate to the file)

1. Diagrams/ Drawings/Schematics:



2. Diagrams/ Drawings/Schematics:



3. Diagrams/ Drawings/Schematics:

4. Diagrams/ Drawings/Schematics:

Stage 1 Review PERSON & DATE	Date Received
Email notification to MAN	Certificate Status
Reviewer	Printed to AA
Email to processor	Sent to Database
CERT #	CATALOG #

Database

IMO Info.

Manufacturer:

Manuf Type: OEM POST-MANUFACTURE

Engine Type:

Model Year:

Engine Family:

Certificate Requested: EPA IMO

This record may contain CBI information

Particulars of the engine

1. Name & Address of the manufacturer:

5. Date of pre-certification survey:

2. Place of engine build:

6. Technical file identification number:

3. Date of engine build:

7. On-board NOx verification procedures identification number:

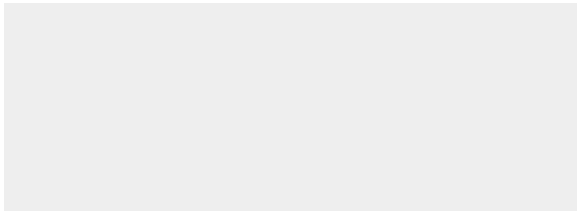
4. Place of pre-certification survey:

8. Models covered by the parent engine:

9. Confidential Business Information:

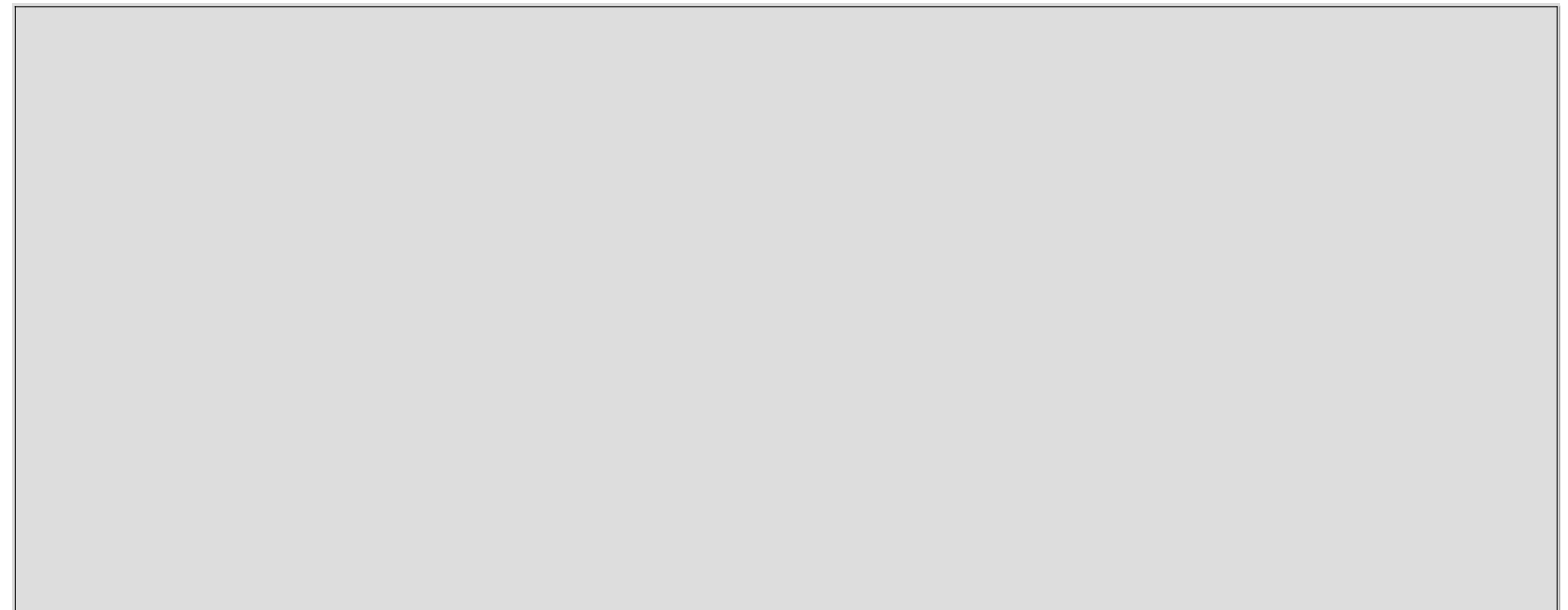
CBI Until Introduction into Commerce	CBI Indefinitely
<input type="text"/>	
<u>IMO Information</u>	
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

Statement of Compliance



**Certification Team Leader
Engine Compliance Programs Group
U.S. Environmental Protection Agency
Mail Code: 6403-J
Washington, DC 20460**

Dear Certification Team Leader:



Sincerely,

